

C L A I M S

1. A multi-composition oral preparation system comprising the following components:

- 5 (A) a calcium ion supplying compound,
 (B) a fluoride ion supplying compound other than a monofluorophosphate ion supplying compound,
 (C) a polyolphosphate ion supplying compound and
 (D) a monofluorophosphate ion supplying compound,
10 wherein components (A) and (B) are separated within the oral preparation system.

2. The oral preparation system according to claim 1, wherein components (A), (B), (C) and (D) are admixed within the oral cavity
15 or immediately prior to introduction into the oral cavity.

3. The oral preparation system according to claim 2, wherein calcium fluoride fine particles are formed upon admixture of all the components.

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4. The oral preparation system according to claim 1, wherein the system has any one of the following variations:

- a system comprising a composition comprising component (A),
 (C) and (D), and a separate composition comprising component (B);
25 a system comprising a composition comprising component (A) and a separate composition comprising components (C), (D), and (B);
 a system comprising a composition comprising component (A)

and component (C), and a separate composition comprising component (B) and (D);

a system comprising a composition comprising component (A) and (D), and a separate composition comprising component (B) and
5 (C);

a system comprising a composition comprising component (A) and (D), a separate composition comprising component (B), and another separate composition comprising component (C);

10 a system comprising a composition comprising component (A) and (C), a separate composition comprising component (B), and another separate composition comprising component (D);

a system comprising a composition comprising component (B) and (D), a separate composition comprising component (A), and another separate composition comprising component (C);

15 a system comprising a composition comprising component (B) and (C), a separate composition comprising component (A), and another separate composition comprising component (D); and

20 a system comprising a composition comprising component (A), a separate composition comprising component (B), a separate composition comprising component (C), and a separate composition comprising component (D).

5. The oral preparation system according to claim 3, wherein
the calcium fluoride fine particle has a primary particle size
25 of from 0.3 to 15 nm.

6. The oral preparation system according to claim 3, wherein

a secondary particle is formed from an aggregate of the calcium fluoride fine particles, wherein the secondary particles comprise monofluorophosphates and/or polyolphosphates.

5 7. The oral preparation system according to claim 6, wherein the content of the monofluorophosphates is in the range of from 0.05 to 20 % by weight of the secondary particle, and the content of the polyolphosphates is in the range of from 0.05 to 20 % by weight of the secondary particle.

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8. The oral preparation system according to claim 1, wherein component (A) and component (B) are separated into different spaces before being admixed.

15 9. The oral preparation system according to claim 1, wherein the calcium ion supplying compound is at least one of calcium polyolphosphates selected from the group consisting of calcium glycerophosphate, calcium glucose-1-phosphate, and calcium glucose-6-phosphate.

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10. The oral preparation system according to claim 1, wherein the polyolphosphate ion supplying compound is at least one of calcium polyolphosphates selected from the group consisting of calcium glycerophosphate, calcium glucose-1-phosphate, and 25 calcium glucose-6-phosphate.

11. A multi-composition oral preparation system comprising

the following components:

(B) a fluoride ion supplying compound other than a monofluorophosphate ion supplying compound,

(D) a monofluorophosphate ion supplying compound,

5 (E) calcium polyolphosphate

wherein components (B) and (E) are separated within the oral preparation system.

12. An oral preparation containing a multi-composition system

10 comprising composition (X) and composition (Y), wherein component (C) is incorporated in the multi-composition system:

(X) a first composition containing (A) and (D);

(Y) a second composition containing (B);

(A) calcium ion supplying compound;

15 (B) fluoride ion supplying compound;

(C) polyolphosphate ion supplying compound; and,

(D) monofluorophosphate ion supplying compound.